

App. No.: 10/658,440
Amdt. Dated: September 20, 2004
Reply to Office Action of July 20, 2004
Atty. Dkt. No. 7719-116

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listing, of claims in the Application:

1. (currently amended) An electronic component rack assembly according to claim 2, comprising:

~~a rack housing having a width W_r , where W_r is equal to about 24 inches;~~

~~a group of electronic components mounted side-by-side, upright in a series of spaced-apart vertical planes on the rack housing; and~~

wherein said components being spaced apart by a distance W_b , where W_b is equal to about 1.93 inches, and where N is an integer number equal to either 11 or 12.

~~wherein each one of the mentioned electronic components has a depth D_b and wherein the depth of the rack housing is equal to D_r , where D_r is equal to approximately $2D_b$;~~

2. (currently amended) An electronic component rack assembly, comprising:

a rack housing having a width W_r , where W_r is equal to about 24 inches;

a group of N number of electronic components mounted side by side, upright in a series of spaced-apart vertical planes on the rack housing;

another group of N number of electronic components mounted side-by-side upright in a series of spaced-apart vertical planes on the rack housing opposite to the first-mentioned group of components in a back-to-back approximate-registration without being offset;

App. No.: 10/658,440
Amdt. Dated: September 20, 2004
Reply to Office Action of July 20, 2004
Atty. Dkt. No. 7719-116

wherein each one of the first-mentioned and said second electronic components has a depth D_b , and are mounted substantially contiguously in a back-to-back configuration; and

wherein the depth of the rack housing is D_r , where D_r is equal to approximately $2D_b$.

3. (original) An electronic component rack assembly according to claim 2, wherein each of said electronic components has a height equal to H_b , where H_b is equal to about 19.38 inches.

4. (previously presented) An electronic component rack assembly according to claim 3, wherein said rack housing includes a series of pairs of upper and lower component guides each pair of guides being disposed in vertical alignment with each of the electronic components, and each guide being channel shaped and having a bight portion and a pair of spaced apart flange portions.

5. (previously presented) An electronic component rack assembly according to claim 4, further including a power distribution unit extending transversely to said vertical planes at the rear of said electronic components, said unit having a series of spaced-apart outlets for supplying electrical power to individual ones of the electronic components, each of said outlets being spaced from a holder for its electronic component by a distance s .

6. (original) An electronic component rack assembly according to claim 5, wherein said rack includes a series of pairs of vertically spaced-apart latch

App. No.: 10/658,440
Amdt. Dated: September 20, 2004
Reply to Office Action of July 20, 2004
Atty. Dkt. No. 7719-116

openings for helping to secure said components releaseably to said rack, each one of said pairs of openings being disposed in vertical alignment with an outlet.

7. (previously presented) An assembly according to claim 2, wherein the depth Db of said electronic component is about 16.8 inches.

8. (previously presented) An assembly according to claim 6, wherein the upper one of said openings is located at a height Hp relative to said unit outlet equal to about 1.344 inches.

9. (previously presented) An assembly according to claim 6, wherein said openings are spaced horizontally from guides by a spacing Sh equal to about 0.95 inch.

10. (currently amended) An assembly according to claim 6, wherein the lower one of said openings is located at a height Hh equal to about 0.46 inch[[. 18]], wherein Hh is defined as the distance between the geometric center of the lower one of the openings and the outer surface of the bight portion of one of the lower component guides.

11. (previously presented) An assembly according to claim 1, wherein said 2Db is between about 36 inches and about 38 inches.

App. No.: 10/658,440
Amdt. Dated: September 20, 2004
Reply to Office Action of July 20, 2004
Atty. Dkt. No. 7719-116

12. (original) A method of making an electronic component rack assembly, comprising providing a rack assembly according to the dimensions according to claim 1.

13. (previously presented) An assembly according to claim 11, wherein said 2Db is about 36 inches.

14. (currently amended) An electronic component rack assembly according to claim 6, wherein the latch openings have a diameter of about 0.316 inches.

15. (previously presented) An assembly according to claim 8, wherein Hp is further defined as the distance between the geometric center of the upper one of said openings to the midpoint of the height of the unit outlet.

16. (previously presented) An assembly according to claim 9, wherein Sh is further defined as the distance between the geometric center of the lower one of the openings and an inner surface of one of the flanges.

17. (previously presented) an assembly according to claim 2, wherein where Wr is approximately equal to the width of the rack housing, and where Wb is approximately equal to the width of an electronic component, Wr divided by Wb is approximately equal to an integer value.